

Docket No.: 0054-0310PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kenichi MIYAGUCHI et al.

Application No.: NEW

Confirmation No.: N/A

Filed: June 23, 2006

Art Unit: N/A

For: PHASE SHIFT CIRCUIT, HIGH
FREQUENCY SWITCH, AND PHASE
SHIFTER

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

US Patent No. 6,137,377-A and the Non Patent Literature Reference by CAMPBELL et al., are discussed on pages 1-3 of the present specification.

US Patent No. 5,701,107-A corresponds to JP 8-250963-A; US Patent No. 5,604,275-A corresponds to JP 8-046253-A; US Patent Application Publication 2003/0169146-A1

corresponds to JP 2003-258502-A; and US Patent Application Publication No. 2003/0223176 corresponds to JP 2003-264122-A.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number PCT/JP2004/004243, filed March 26, 2004 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

10/584187

Application No.: NEW

Docket No.: 0054-0310PUS1

10/584187 23 JUN 2006

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: June 23, 2006

Respectfully submitted,

By 

Michael K. Mutter

Registration No.: 29,680

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road

Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	NEW 10/584187	
			Filing Date	June 23, 2006	
			First Named Inventor	Kenichi MIYAGUCHI	
			Art Unit	N/A	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	0054-0310PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-6,137,377-A	10-24-2000	WALLACE et al.	
	AB*	US-5,701,107-A	12-23-1997	KASAHARA et al.	
	AC*	US-5,604,375-A	02-18-1997	FINDIKOGLU et al.	
	AD*	US-2003/0169146-A1	03-30-2004	KAWAI et al.	
	AE*	US-2003/0223176-A1	12-21-2004	FUJII et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ -Kind Code ⁵ (if known)			
	BA**	JP	1995-033026	06-16-1995		
	BB**	JP	1-202007-A	08-15-1989		
	BC**	JP	2-151113-A	06-11-1990		
	BD**	JP	8-250963-A	09-27-1996		
	BE**	JP	2004-048176-A	02-12-2004		
	BF**	JP	2000-294104-A	10-20-2000		
	BG**	JP	50-88558-A	12-11-1975		
	BH**	JP	8-46253-A	02-16-1996		
	BI**	JP	2003-258502-A	09-12-2003		
	BJ**	JP	2003-264122-A	09-19-2003		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ** CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	CA**	HANTANI et al., Bisai Kako Cavity Kozo o Mochiita CPW MEMS Switch no Sekkei, Institute of Electronics, Information and Communication Engineers, 09-10-2003, p. 26.		
	CB	WALLACE et al., Low Cost MMIC DBS Chip Sets for Phased Array Applications, IEEE, 1999, pp. 1-4, 0-7803-5135-5/99.		
	CC	CAMPBELL et al., A Compact 5-Bit Phase Shifter MMIC for K-Band Satellite Communication Systems, IEEE, 2000, pp. 1-4, 0-7803-5687-X/00.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--